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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIII, No. 4 HELENA INDEPENDENT-RECORD HELENA, MONTANA **APRIL, 1965**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April 1965, averaged 85,038 barrels daily, a decrease of 988 barrels from the average March production of 86,026.

The nine refineries in state processed 70,157 barrels of crude oil daily for the month of April, 1965, a decrease of 19,431 barrels from the 89,588 barrels processed daily during the month of March, 1965.

During April 40 wells were completed, 15 oil, 0 gas wells and 25 dry holes.

During April, the commission issued 29 permits to drill new wells, a decrease of 15 from 44 permits issued during March.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF APRIL, 1965

IN STORAGE APRIL 1st:	
By Producers	376,346
By Transporters	986,628
By Refiners	704,702
TOTAL STORAGE	2,067,676
Produced in Montana During Month	2,551,144
Imported During Month	933,324
TOTALS	5,552,144
DISPOSITION:	
Refined in Montana	2,104,729
Exported	1,186,804
Used for Fuel or Lost	3,264
TOTAL	3,294,797
IN STORAGE APRIL 30th:	
By Producers	348,250
By Transporters	1,110,676
By Refiners	798,421
TOTAL STORAGE	2,257,347

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1965

Field	M Cu. Ft.
Bears Den	0
Big Coulee	82,017
Bowdoin	167,905
Bowes	59,834
Cabin Creek	84,569
Cedar Creek	176,482
Cut Bank (Including Reagan)	578,588
Devon	0
Dry Creek	176,100
Elk Basin	30,413
Flat Coulee	107
Gold Butte	0
Golden Dome	0
Grandview	0
Hardin	3,680
Keith Block	223,348
Kevin Sunburst	73,188
Middle Butte	2,692
Mount Lili	34,382
Pine	56,848
Plevna	13,772
Utopia	89,066
Whitlash	129,791
Miscellaneous	15,258
TOTAL	1,998,040

Total withdrawals for April, 1964 were 2,178,091

PRODUCER'S REPORT—MONTH OF APRIL, 1965

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By: Pipeline	Oil Shipped By: Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	380	2,362	.....	2,344	.....	398
4	Bannatyne	8	1,580	733	.....	1,280	.....	1,033
1	Bascom	1	192	95	202	.....	.....	85
4	Bear's Den	5	1,354	2,149	.....	1,710	.....	1,793
1	Belfry	1	412	155	.....	396	.....	171
1	Benrud	1	961	1,139	1,720	.....	.....	380
1	Benrud East	1	528	11,765	11,737	.....	.....	556
1	Benrud Northeast	1	621	14,754	14,754	.....	.....	621
8	Big Wall	24	2,678	18,640	18,397	.....	.....	2,921
6	Blackfoot	10	1,657	3,688	859	1,723	.....	2,763
1	Bloomfield	1	252	198	.....	.....	.....	450
1	Border	1	206	200	.....	200	.....	206
1	Bowes	61	7,131	11,392	9,618	.....	.....	8,905
3	Bradley	3	1,581	885	1,011	.....	.....	1,455
1	Brady	4	.....	968	968	.....	.....	.....
1	Bredette North	1	323	63	386	.....	.....	.....
2	Cabin Creek	110	7,479	251,373	252,173	.....	.....	6,679
13	Cat Creek	86	2,883	18,372	18,293	.....	.....	2,962
1	Clark's Fork	1	170	180	.....	234	.....	116
...	Clark's Fork North	.....	303	.....	.....	.....	.....	303
3	Conrad South	3	615	842	842	.....	.....	615
1	Cupton	1	2,261	351	.....	398	.....	2,214
161	Cut Bank	1,030	107,620	187,598	188,521	3,319	163	103,215
3	Deer Creek	3	1,719	4,040	4,913	.....	.....	846
1	Delphia	1	225	241	.....	198	.....	268
...	Devil's Basin	.....	498	.....	.....	.....	.....	498
1	Dry Creek	1	406	66	.....	.....	.....	472
16	Dwyer	17	8,221	39,211	39,422	.....	.....	8,010
8	Elk Basin	66	5,835	293,823	295,698	.....	.....	3,960
1	Elk Basin Northwest	1	2,381	1,617	.....	3,054	.....	944
3	Fertile Prairie	3	1,152	3,210	.....	3,493	.....	869
24	Flat Coulee	29	5,396	35,009	35,016	.....	.....	5,389
13	Flat Lake	13	5,634	53,698	.....	51,850	128	7,354
2	Frannie	2	.....	1,444	1,444	.....	.....	.....
17	Fred & George Creek	27	1,936	110,576	111,243	.....	.....	1,269
1	Gage	2	562	431	714	.....	2	277
1	Gage Southwest	1	431	295	570	.....	.....	156
4	Gas City	27	7,806	57,204	58,600	1,989	.....	4,421
7	Glendive	12	1,884	21,938	21,551	.....	.....	2,271
13	Goose Lake	15	4,610	44,147	47,092	.....	292	1,373
6	Graben Coulee	11	3,676	4,873	4,218	903	.....	3,428
...	Grandview	.....	112	.....	.....	.....	.....	112
2	Gypsy Basin	3	2,667	794	875	.....	35	2,551
1	Hibbard	1	314	328	.....	401	.....	241
7	Ivanhoe	14	5,065	25,898	28,380	.....	61	2,522
9	Keg Coulee	22	6,514	22,494	23,948	.....	3	5,057
2	Keg Coulee North	2	904	5,565	.....	5,289	.....	1,180
119	Kevin Sunburst	703	16,865	35,896	36,183	.....	.....	16,578
2	Little Beaver	24	4,288	23,619	24,075	.....	.....	3,832
3	Little Beaver East	18	3,599	19,133	20,026	.....	.....	2,706
2	Lodge Grass	2	1,263	2,077	.....	2,835	.....	505
3	Lone Tree	3	558	4,359	.....	4,467	.....	450
26	Lookout Butte	71	4,282	108,015	108,728	.....	.....	3,569
...	Mackay Dome	.....	770	.....	.....	.....	.....	770
2	Mason Lake	2	613	5,858	5,710	.....	.....	761
2	Melstone	5	1,473	3,315	3,345	.....	.....	1,443
1	Mineral Bench	1	678	2,698	2,821	.....	.....	555
6	Monarch	14	2,611	15,281	15,119	.....	.....	2,773
4	Mosser	9	.....	899	.....	899	.....	.....
...	Musselshell	.....	300	.....	.....	.....	.....	300
7	Outlook	12	6,709	31,221	32,118	.....	.....	5,812
2	Outlook South	2	1,597	4,169	4,119	.....	.....	1,647
64	Pennel	110	4,463	198,877	200,657	.....	.....	2,683
4	Pine	131	14,236	322,525	321,771	.....	771	14,219
4	Pole Creek	7	1,839	5,816	.....	6,071	.....	1,584
67	Pondera	308	9,847	30,746	32,335	.....	.....	8,258
2	Pondera Coulee	2	.....	379	379	.....	.....	.....
5	Poplar East	75	14,449	89,242	90,423	.....	.....	13,268
4	Poplar Northwest	5	2,017	1,629	2,677	.....	.....	969
6	Ragged Point	17	2,437	4,751	5,249	.....	.....	1,939
4	Reagan	43	2,177	18,096	18,003	.....	.....	2,270
1	Red Creek	18	3,201	31,777	32,055	.....	.....	2,923
1	Redstone	1	348	929	771	.....	.....	506
1	Repeat	1	285	739	.....	758	.....	266
6	Richey	8	4,189	1,589	1,409	.....	.....	4,369
6	Richey Southwest	7	3,818	11,167	.....	12,208	.....	2,777
4	Sand Creek	4	.....	4,359	4,359	.....	.....	.....
1	Shotgun Creek	1	362	941	.....	848	.....	455
4	Sidney-Brorson	4	2,001	1,736	.....	1,551	.....	2,186
1	Snyder	3	2,029	292	.....	305	43	1,973
5	Soap Creek	9	5,583	4,367	.....	4,170	.....	5,780
1	Spring Lake	2	3,906	6,339	.....	6,576	.....	3,669
2	Stensvad	22	5,919	37,965	40,148	.....	.....	3,736
25	Sumatra	81	12,687	78,463	77,813	.....	.....	13,337
6	Tule Creek	7	2,721	39,337	36,032	.....	.....	6,026
2	Tule Creek East	2	376	24,076	23,881	.....	.....	571
1	Tule Creek South	1	507	5,157	.....	4,925	.....	739
2	Vida	2	1,525	1,133	.....	2,109	.....	549
2	Volt	2	1,722	9,571	9,558	.....	.....	1,735
3	Weldon	9	4,450	70,583	.....	70,578	.....	4,455
12	Whitlash	30	8,611	10,391	11,701	.....	.....	7,301
1	Whitlash West	1	140	214	214	.....	.....	140
2	Wills Creek South	2	1,618	8,192	8,817	.....	.....	993
8	Wolf Springs	15	3,227	12,435	10,839	.....	.....	4,823
4	Woodrow	6	375	5,527	5,670	.....	.....	232
1	Wildcat, Carbon County	1	137	159	.....	.....	.....	296
1	Wildcat, Glacier County	1	403	301	.....	491	.....	213
801	Total	3,435	376,346	2,551,144	2,380,170	197,572	1,498	348,250

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1964	30,647,498	83,965	30,604,009	83,846
January, 1965	2,555,847	82,446	2,543,560	82,050
February, 1965	2,360,587	84,306	2,358,318	84,225
March, 1965	2,666,830	86,026	2,664,804	85,961
April, 1965	2,551,144	85,038	2,577,742	85,924

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1964	369,139	933,819	508,411	1,811,369
January, 1965	379,744	920,233	503,520	1,803,497
February, 1965	376,227	978,152	592,741	1,947,120
March, 1965	376,346	986,628	704,702	2,067,676
April, 1965	348,250	1,110,676	348,250	2,257,347

*Includes Wyoming Oil.

TRANSPORTER'S REPORT—MONTH OF APRIL, 1965

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,344				2,344		
BANNATYNE—Truck			1,280			1,280			
BEAR'S DEN—Truck			1,710			1,710			
BELFRY—Truck			396				396		
BIG WALL—									
Continental Pipeline Co.		17,918				17,918			
BLACKFOOT—Union Oil Co.		859				859			
Camerland Cardinal Corp.			1,723					1,723	
		859	1,723			859		1,723	
BORDER—Truck			200				200		
BOWES—Texaco, Inc.		9,618				9,618			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	299,500	719,669	96,458	656,972			1,474,800		297,799
Shell Pipeline Co.	3,107	324,295		187	58			320,515	7,016
	302,607	1,043,964	96,458	657,159	58		1,474,800	320,515	304,815
CAT CREEK									
Continental Pipeline Co.		16,211				16,211			
CLARK'S FORK—Truck			234				234		
CUT BANK									
Darling Gathering System, Inc.	1,785	5,948						5,675	2,058
Continental Pipeline Co.			4,222	569,745		573,967			
Phillips Petroleum Co.	79,097	57,550		62,534	(806)	91,371			108,616
Texas Pipeline Co.	30,825	47,693		9,139	122			54,250	33,285
Union Oil Co.	71,386	72,619		8,116	420	100,769			50,932
Western Oil Transportation Co.	19,174	32,938		37,015	330			62,680	26,117
	202,267	216,748	4,222	686,549	66	766,107		122,605	221,008
DELPHIA—Truck			198			198			
DWYER—Portal Pipeline Co.		39,113					39,113		
ELK BASIN—									
Marathon Pipeline Co.		296,237				296,237			
ELK BASIN NORTHWEST—Truck			3,054			3,054			
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	33,456						33,456	3,000
FLAT LAKE—Truck			51,850				51,850		
FRANNIE—Marathon Pipeline Co.		1,444					1,444		
FRED & GEORGE CREEK									
Camerland Cardinal Corp.	18,742	106,520				49,170		48,444	27,648
GAGE—Continental Pipeline Co.		1,284				1,284			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	9,314	40,979			(843)			37,869	13,267
GOOSE LAKE—									
Portal Pipeline Co.		46,750					46,750		
HIBBARD—Truck			401			401			
IVANHOE—									
Continental Pipeline Co.		28,634				28,634			
KEG COULEE—									
Continental Pipeline Co.		23,948				23,948			
KEG COULEE NORTH—Truck			5,289				5,289		
KEVIN SUNBURST—									
Big West Oil Co.	4,454	38,024				39,630			2,848
Homestake Oil & Gas Co.	472	2,179		5,674		7,834			491
Texas Pipeline Co.	7,604	12,451			153			9,139	10,763
	12,530	52,654		5,674	153	47,464		9,139	14,102
LODGE GRASS—McWood Corp.			2,835			2,835			
LONE TREE—Truck			4,467				4,467		
MASON LAKE—									
Continental Pipeline Co.		5,710				5,710			
MELSTONE—									
Continental Pipeline Co.		3,801				3,801			
MOSSER—Truck			899				899		
POLE CREEK—Truck			6,071				6,071		
PONDERA—Phillips Petr. Co.	26,539	34,937			(58)	16,576			44,958
POPLAR, BENRUD, BENRUD EAST, BREDETTE, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK SOUTH & VOLT									
East Poplar Gathering System	14,504	242,960			2,436			239,445‡	15,583
RAGGED POINT—									
Continental Pipeline Co.		5,249				5,249			
RED CREEK—									
Western Oil Transportation Co.		32,074			321			31,753	
SHOTGUN CREEK—Truck			848				848		
SIDNEY-BRORSON									
McWood Corp.	3,599		1,551	4,523	(766)				10,439
SNYDER—McWood Corp.			305			305			
SOAP CREEK—McWood Corp.	3,985		4,170	1,314		5,068			4,401
SPRING LAKE—Truck			6,576				6,576		
SUMATRA AND STENSVAD—									
Continental Pipeline Co.	384,830	118,095		25,261	(2,306)	85,438			445,054
TULE CREEK—									
Tesoro Petr. Corp.	4,711	36,771		4,589		39,670			6,401
WHITLASH AND WHITLASH WEST									
Camerland Cardinal Corp.		11,834				11,834			
WOLF SPRINGS—									
Continental Pipeline Co.		10,831				10,831			
WILDCAT WELLS			491			491			
TOTALS	986,628	2,478,599	197,572	1,385,069	(939)	1,451,901	1,641,281	844,949	1,110,676

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF APRIL, 1965

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall				17,918						17,918
Blackfoot									859	859
Bowes			169				1,640			1,809
Cat Creek		13,394				2,817				16,211
Cut Bank		299,061					46,095		100,182	445,338
Delphia						619				619
Elk Basin		108,701		73,125	114,411					296,237
Fred & George Creek		49,170								49,170
Gage						540				540
Hibbard						565				565
Ivanhoe					28,634					28,634
Keg Coulee				23,948						23,948
Kevin Sunburst	47,109									47,109
Lodge Grass		2,835								2,835
Mason Lake		5,710								5,710
Melstone				3,801						3,801
Pondera							65,936			65,936
Ragged Point		5,249								5,249
Red Creek					13,033					13,033
Richey Southwest						698				698
Soap Creek		5,068								5,068
Sumatra & Stensvad		19,098		77,453						96,551
Tule Creek								39,670		39,670
Wolf Springs					3,629					3,629
Wildcat Wells						268				268
Total Montana Oil	47,109	508,286	169	196,245	159,707	5,507	113,671	39,670	101,041	1,171,405
Canadian Oil Imported		316,725							2,272	318,997
Wyoming Oil Imported				257,589	352,885	3,853				614,327
Total Montana, Canadian, and Wyoming Oil	47,109	825,011	169	453,834	512,592	9,360	113,671	39,670	103,313	2,104,729

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1964	33,677	10,963	43,051	87,691
April, 1964	29,053	10,417	41,419	80,889
April, 1965	39,046	10,634	20,477	70,157

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1964	38.40%	12.51%	49.09%
April, 1964	35.91%	12.89%	51.20%
April, 1965	55.65%	15.17%	29.18%